



ELECTRICAL SPECIFICATIONS

| | | |
|---------------------------|-----------|------------------|
| Frequency Range | 0.5 ~ 6.0 | GHz |
| Amplitude Balance | 0.5 | dB, Max. |
| Phase Balance | ± 4 | degrees, Max. |
| Isolation | 17 | dB, Min. |
| Insertion Loss | 1.7 | dB, Max. |
| Common Port VSWR | 1.60 | :1, Max. |
| Split Port VSWR | 1.40 | :1, Max. |
| Average Power as Splitter | 50 | Watts, Max. |
| Average Power as Combiner | 0.06 | Watts/Port, Max. |

| | | |
|-------------------------|-------------|--------|
| Impedance | 50 Ohms | Nom'l. |
| Passive Intermodulation | UNSPECIFIED | |

MECHANICAL SPECIFICATIONS

| | | |
|-----------------------|---------------------|-------------------|
| R.F. Interface | N Female | |
| Operating Temperature | -40 ~ +65 °C | (Tested at +25°C) |
| Environment | Indoor use only. | |
| Humidity | 90%, Non-Condensing | |
| Weight | 2.2 lbs | Nom'l. |

WERBEL MICROWAVE

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4PNX506

| | |
|--------------|------------------------------------|
| Connectors | Brass, Passivate |
| Contact Pins | Beryllium Copper, Gold Plate |
| Insulators | PTFE |
| Housing | Aluminum, RoHS Chemical Conversion |
| Finish | Optional / Specify |

Power Splitter / Combiner

| REV | DESCRIPTION | ENG. | DATE |
|-----|-----------------------|------|------------|
| 0 | Original release. | ETW | 10/29/2014 |
| 4 | New numbering system. | ETW | 1/21/2017 |

Input power is rated for load VSWR of 1.20:1, max. Insertion loss excludes coupling/split loss.
 All dimensions in inches with tolerance ± .010" and are typical unless otherwise specified.
 Specifications are subject to change without notice. This document shall not form part of any contract.